

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** May ended with another cool, damp week. The highest reported temperature was 78 degrees in Medford. Most areas never warmed up more than 70 degrees, whereas six stations reached 80 degrees in the previous week. Low temperatures ranged from 26 degrees in Bend up to 46 degrees in North Bend along the Coast. All but two stations reported temperatures below average for this time of year, and thirty-two out of forty-three stations received precipitation on at least 3 days of the week. About half the stations caught up to normal cumulative precipitation for the season, but the late moisture surge has made disease control a challenge. More warmth and sunshine are needed in the coming weeks.

**Field Crops:** Rain and cold temperatures increased disease pressure and kept field work at a minimum. Cool temperatures slowed crop growth. Weather conditions kept some ready to harvest hay from being cut until the next dry spell. Crimson clover was in full bloom, and growers had cut Red Clover. Potatoes were mostly planted in Baker and Union counties. Planting of many spring crops was delayed.

**Vegetables:** The cool, wet weather conditions of last week has put green bean, sweet corn, and other vegetable plantings in the western part of the State behind schedule. Sweet corn and green

beans in Washington County were reportedly up but growing slowly.

**Fruits and Nuts:** Blueberries, raspberries, apples, pears, cherries, and grapes were all progressing this last week. However, damp weather continued to persist, which may have hindered some growth. Caneberries, blueberries, and hazelnuts were all doing well, while grapes were in need of warmer weather. No freeze damage was reported. Some cherries and pears were frozen out in Lane County. The sweet cherry crop in Wasco County appeared to be slightly late and crop yields look to be light to moderate.

**Nurseries and Greenhouses:** Nurseries continued to push potted shrubs, flowering baskets, and some trees. Conditions were excellent for new Christmas trees.

**Livestock, Range and Pasture:** Livestock across the State were looking good. Pastures were growing well with recent rains; Clackamas County reported pastures so wet that cattle were damaging soft ground. Sherman County reported water in ponds and creeks that haven't seen water for several years. The range there still needs some time to recover from previous years of drought.

**Soil Moisture - Week Ending 05/30/10**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	5	65	30
Subsoil	1	13	60	26

**Crop Progress - Week Ending 05/30/10**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	45	18	56	31
Winter wheat headed	60	5	43	57
Barley emerged	91	85	99	95
Days suitable for fieldwork	3.5	3.7	6.7	5.8

**Crop Condition - Week Ending 05/30/10**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	5	24	55	15
Spring wheat	0	6	30	53	11
Barley	0	2	11	71	16
Corn	0	2	42	56	0
Range and pasture	0	3	20	56	21

## Western Oregon

**CLACKAMAS:** It was a very wet week with five inches of water out of the rain gauge on Sunday, after three inches fell two weeks ago. Green bean and sweet corn planting was way behind schedule. It was the same for potatoes, field corn, squash, cucumber and all other warm weather plantings. Forage harvest was also frustrated. Fields were too wet to bear the load of trucks or wagons for green chopping. There was no wilting time for haylage. It was so wet that cattle on pasture were damaging soft ground. Caneberries were in full bloom. It was too wet and cold for bees to fly. Blueberries have set good crops and were sizing nicely. Strawberries were waiting for sunshine to make sugar. Hazelnuts looked good. Conditions were excellent for new Christmas trees.

**CURRY:** There were great forage growing conditions with warmer temperatures and enough precipitation to keep soil wet.

**DOUGLAS:** Weekend precipitation has fields too wet for field work. Farmers needing to spray fungicides were damaging fields to protect crops. Most crops had leaf diseases. Cool weather and soils have crops standing still and falling two weeks behind normal development stages.

**JACKSON:** Grain and hay crops were looking good with precipitation. Warmer weather was needed to get the hay crops ready for cutting and hay making. Spraying was harder to get done with damp, cool weather conditions. Vineyards were having lots of good growth on the fruit producing spurs, but they also need some warmer weather. Vegetable gardeners were having a hard time getting planting done with wet and cool weather. Greenhouses were still busy with vegetable and decorative starts. Outlets were busy with sales, but folks need some better weather for planting. Nurseries were still busy with sales of potted shrubs and flowering baskets. There were still some tree sales, but most have now been planted. Pastures were in good condition with lots of feed for everyone. This was another cloudy damp week, really not much rainfall but just enough to slow down field work. The day time temperatures have been running about 10 degrees below normal, and nighttime temperatures were quite cool.

**JOSEPHINE:** Temperatures were more moderate this week ranging from 32 to 44 degrees overnight, with daytime temperatures ranging from 50 to 60. There were 2.5 inches of rain received during the week. Alfalfa was headed up, but weather too damp for hay cutting. Local hay was still in good supply. There were no reports of freeze damage to grapes. Animals were looking really good.

**LANE:** Continued wet weather prevented hay harvest and soil preparation for crops such as corn. There were reports of fires

from wet decomposing hay. Septoria and rust was bad in the wheat. Heavier than normal precipitation caused scheduling problems for row crop growers in the southern Willamette Valley to plant crops. Soils were drenched with 1-2 inches of rain. Grass seed crops looked better than average. Temperatures were back down to 40 degrees in the morning. Apples and peaches were looking good and were sizing. Cherries and pears looked okay, but with lots of disease problems. Some cherries and pears were frozen out. Codling moth was out one day last week, but there were no catches since that emergence. Blueberries were ending bloom. Raspberries were blooming. Grapes were growing nicely, powdery mildew soon. Local extension offices were getting many reports of fungal diseases.

**LINN/BENTON/LINCOLN:** The Valley and Coast were receiving a lot of moisture for this time of year. Strawberry crops were starting to come on and with the forecast of more rain for the week, they will start to rot. Crops needing to pollinate were having a hard time also due to the rain. The meadowfoam crop has flowered and the bees have been busy. The grass crops were headed out. Some of the spring wheat has heads. A few fields planted last were not doing well. Winter wheat was headed, but showed signs of striped rust and water stress. Orchards were setting fruit, and row crop farmers were still trying to get their fields worked for planting.

**WASHINGTON:** Most red clover failed to get re-growth for seed crop. Wheat was looking very good in most planting, some drowned out. Crimson clover was at full bloom seed setting stage and alfalfa was ready to cut. Early blueberries were ripe. Strawberries were coming in and raspberries were in early stage bloom. Grapes were growing slowly and need warmer weather. Sweet corn, beans, and potatoes were up with slow growth. Grass was doing well for conditions. High temperature 62 degrees, low 40 degrees, humidity 50-58 percent.

**YAMHILL:** The mild wet trend continued this week. Nights were in the low 50s and days ranged between 54 to 64 degrees. Some blackberries were beginning to bloom and winter wheat was at 90 percent for heads, although there were still some thin spots through most of the fields. Most grass fields have heads also. Winter wheat has had at least two sprayings for rust so far but most fields were looking good around the County. Final plantings were going in between rain storms as the ground conditions permitted. Although some red clover silage was cut, it was very limited. The red clover was close to bloom. If conditions do not dry soon, the dairies could lose the silage crop from the red clover. In order to get the seed crop this fall producers will soon need to get the crop off as silage or chopped/flailed off. Some Spotted Winged Drosophila females were found in traps this week in the Willamette Valley.

## Eastern Oregon

**GILLIAM:** Above normal rainfall have reduced the soil moisture deficit in many parts of the County, but increased the chances for cereal diseases.

**HOOD RIVER:** Variable weather conditions prevailed through the week. Minimum temperatures dipped into critical ranges for developing fruit on May 24 with widespread frost protection in the Hood River Valley. Hand thinning of summer pears began in the lower Hood River Valley. Pinot noir grape was at Eichhorn-Lorenz stages 12 through 15.

**JEFFERSON:** Cool moist conditions have persisted this spring, delaying the development of crops.

**KLAMATH:** Cold wet weather during the week. High temperatures were in the 50s, nearly 20 degrees cooler than normal. There was warmer weather toward the end of the week but near freezing nighttime temperatures all week. Spring growth continued to be slow.

**LAKE:** Field work was in full swing. There was a good amount of precipitation received during the week. Pasture conditions continued to improve, but warmer temperatures needed.

**MALHEUR:** Cool cloudy weather prevailed last week. Northern Malheur County received good amount of precipitation. Corn planting, cultivating and fertilizing continued as weather permitted. Heat units for corn were behind.

**MORROW:** Rains during May exceeded the long-term average, and the yield potential of the winter wheat crop has improved. Optimism about a good crop was tempered by knowledge of relatively weak stands due to the dry fall, winter injury, and damage from spring frosts. Some of the early-seeded fall wheat has stripe rust. The need for treatment will be determined by environmental conditions.

**SHERMAN:** Range was not rated as highly as one might suspect due primarily to recovery needs from many previous years of drought. Water was in creeks and several ponds that have not had water for several years, especially this late in the season. This helps livestock and wildlife with more water. Cereal crops were looking good with just some rust starting to wave its head. Continued cool, wet weather has helped make grain, but also set us up for rust conditions. Cool, wet conditions have limited field work but growers were getting equipment ready for harvest. Hail storm passed through south end in a strip a mile wide, only limited damage visible at this time. Big field day at the Experiment Station in Moro on June 16. Celebrating their 100th anniversary of the first field day with plots of 100 varieties of heritage grains and 40 alternate crops produced over the years.

**UMATILLA:** Stripe rust problems continued. Fungicides were being applied on some acres.

**UNION/BAKER:** Rain showers continued throughout the week. Some farmers continued irrigating in areas with sandy soils. Most fields were too wet to work.

**WALLOWA:** Received good moisture during the week. All crops were enjoying the moisture but now some sun is needed to get things growing.

**WASCO:** Sweet cherry crop in Wasco County appeared to be slightly late. The Royal Ann processing cherries will be harvested starting around June 13. The first fresh cherries should be harvested around June 17. Crop yields looked to be light to moderate.

**Weather data for selected stations in Oregon, Week ending: May 30, 2010 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria/Clatsop	39	60	52	-2	18	-10	0.81	0.18	6	70.84	9.41	115	166
Bandon <sup>8</sup>	43	64	53	-1	25	+1	0.73	0.20	5	55.94	-0.01	100	182
Crescent City	41	61	54	-2	28	-4	1.18	0.63	3	59.41	-3.05	95	145
Florence	39	69	53	-3	21	-11	1.71	0.94	3	81.28	9.50	113	154
North Bend	46	64	54	-2	27	-6	1.08	0.52	3	54.90	-5.32	91	148
Tillamook	41	68	54	+1	29	+6	0.84	-0.08	5	59.95	-21.99	73	160
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	43	68	55	-3	37	-14	1.14	0.65	6	40.45	2.74	107	156
Corvallis	44	69	55	-3	33	-13	0.88	0.47	5	39.57	-0.46	99	171
Detroit Lake <sup>8</sup>	40	67	51	-2	12	-13	1.50	0.81	6	77.86	14.78	123	166
Eugene	41	70	55	-4	35	-19	1.34	0.91	3	37.36	-8.93	81	139
Hillsboro	42	66	54	-4	32	-19	0.76	0.41	5	33.59	-0.92	97	144
McMinnville	42	68	54	-4	34	-19	0.60	0.23	4	26.50	-14.38	65	127
Portland	43	65	55	-5	38	-27	1.53	1.11	7	31.92	-1.12	97	166
Salem	45	70	56	-2	44	-4	0.40	-0.02	2	40.49	4.05	111	144
<b>SW VALLEYS</b>													
Grants Pass	38	76	54	-9	28	-52	0.65	0.44	3	26.94	-2.81	91	134
Medford	40	78	55	-6	39	-36	0.89	0.68	4	14.09	-3.38	81	96
Roseburg	44	74	56	-4	44	-19	1.59	1.31	4	31.06	0.26	101	143
<b>NORTH CENTRAL</b>													
Condon	30	64	49	-6	7	-25	0.23	-0.05	5	14.73	2.91	125	102
Echo <sup>8</sup>	38	74	56	-7	43	-40	1.12	0.98	6	8.27	0.40	105	91
Heppner	33	67	51	-8	18	-39	0.39	0.11	4	9.83	-2.08	83	85
Hermiston	35	74	56	-7	45	-38	0.57	0.43	4	7.94	0.07	101	75
Madras <sup>8</sup>	36	69	52	-6	17	-29	0.30	0.09	6	8.81	0.18	102	102
Moro	31	65	51	-6	13	-30	0.16	0.01	2	12.61	2.88	130	89
Parkdale <sup>8</sup>	30	66	50	-9	6	-49	0.49	0.29	5	34.10	4.84	117	151
Pendleton	36	70	53	-8	26	-48	0.98	0.77	3	11.76	1.29	112	85
Prairie City <sup>8</sup>	36	69	52	-6	17	-29	0.30	0.09	6	8.81	0.18	102	102
The Dalles	38	73	59	+3	65	+18	0.49	0.28	3	11.72	0.60	105	97
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	30	67	45	-8	-	-23	0.08	-0.19	2	9.55	-4.70	67	87
Bend	26	62	47	-7	1	-24	0.29	0.08	4	9.13	-0.61	94	38
Burns	29	66	46	-8	-	-27	0.11	-0.15	1	9.36	1.32	116	91
Christmas Valley <sup>8</sup>	28	68	45	-12	-	-43	0.08	-0.17	3	5.18	-5.06	51	85
Klamath Falls	29	71	46	-11	3	-36	0.14	-0.07	1	6.24	-5.58	53	77
Klamath Falls <sup>8</sup>	29	71	46	-11	3	-36	0.15	-0.06	1	7.15	-4.67	60	89
Lakeview	28	67	44	-10	-	-31	0.19	-0.16	3	9.51	-4.01	70	100
Lorella <sup>8</sup>	26	71	45	-12	1	-38	0.08	-0.13	2	7.72	-4.10	65	85
Redmond	34	71	50	-4	12	-19	0.22	0.01	4	6.51	-0.30	96	74
Worden <sup>8</sup>	29	71	45	-11	2	-37	0.02	-0.19	1	6.57	-5.25	56	77
<b>NORTHEAST</b>													
Baker City	28	64	47	-9	5	-33	0.65	0.30	3	7.73	-0.19	98	86
Joseph	35	61	46	-5	1	-12	0.48	-0.01	2	11.93	-9.15	57	83
La Grande	34	66	51	-7	10	-38	0.52	0.15	2	9.66	-4.77	67	81
Union	33	66	50	-6	11	-25	0.96	0.54	5	12.46	1.85	117	83
<b>SOUTHEAST</b>													
Ontario	37	73	55	-9	37	-53	0.51	0.30	4	8.80	0.51	106	81
Rome	33	70	50	-9	9	-50	0.21	-0.03	2	8.10	1.70	127	67

<sup>1</sup> Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2009.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.